CITY OF KIRKLAND CAPITAL IMPROVEMENT PROGRAM 2015 TO 2020

PROJECT #	SD 0106 001
DEPARTMENT	Public Works
DEPARTMENT CONTACT	Dave Snider

PROJECT	CKC SURFACE WATER DRAINAGE AT CRESTWOODS PARK DESIGN/CONSTRUCTION		
TITLE			
PROJECT	Cross Kirkland Corridor (CKC) near Crestwoods Park	PROJECT START	PROJECT STATUS
LOCATION		2016	New Project

DESCRIPTION/JUSTIFICATION

Design and construct repair for 24-inch Reinforced Concrete Pipe culvert, crossing the Cross Kirkland Corridor (CKC) between NE 104th St and 111th Ave NE, and carrying an unnamed tributary to Forbes Creek. The existing pipe is too short and has caused undermining of the adjacent slopes and trail at the outfall. A fall of approximately 5 vertical feet currently exists from the outlet invert to the adjacent stream bed, leading to backsplash and slope failure observed.

REASON FOR MODIFICATION (WHERE APPLICABLE)

POLICY BASIS	METHOD OF FINANCING (%)		
Surface Water Master Plan	Current Revenue		0 %
	Reserve	(\$500,000)	50 %
COUNCIL GOALS	Grants	TBD (\$500,000)	50 %
Environment	Other Source	es	0 %
	Debt		0 %
Dependable Infrastructure	Unfunded		0 %

CAPITAL COSTS	Prior	2015	2016	2017	2018	2019	2020	2015-2020 TOTAL	Future	Total
	Year(s)								Year(s)	Project
Planning/Design/ Engineering	0	0	45,000	104,000	0	0	0	149,000	0	149,000
In-House Professional Svcs.	0	0	21,000	49,000	0	0	0	70,000	0	70,000
Land Acquisition	0	0	0	0	0	0	0	0	0	0
Construction	0	0	234,000	547,000	0	0	0	781,000	0	781,000
Comp. Hardware/ Software	0	0	0	0	0	0	0	0	0	0
Equipment	0	0	0	0	0	0	0	0	0	0
Other Services	0	0	0	0	0	0	0	0	0	0
Total	0	0	300,000	700,000	0	0	0	1,000,000	0	1,000,000
NEW MAINT. AND			·	·		·				
OPER.	0	0	0	0	0	0	0	0	0	0
NEW FTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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TITLE			

CRITERIA	PROJECT IMPACTS (RESPOND TO ALL SECTIONS WHICH APPLY)
Amount of public disruption and inconvenience caused	During construction of this project, adjacent property owners and motorists will be impacted by construction equipment and possible traffic detours.
Community economic impacts	None anticipated.
Health and safety, environmental, aesthetic, or social effects	Improvements to surface water quality will have a significantly positive environmental effect.
Responds to an urgent need or opportunity	This project has been identified as a potential high priority based on recent field observations.
Feasibility, including public support and project readiness	During the design development, community involvement will be addressed. Permitting and environmental issues will be addressed during design.
Conforms to legal or contractual obligations	Projects will be designed and constructed per professional and legal guidelines.
Responds to state and/or federal mandate	Supports City National Pollutant Discharge Elimination System (NPDES) Phase II permit compliance.
Benefits to other capital projects	May be coordinated with the 132nd Square Park.
Implications of deferring the project	Continued degradation of surface water.
CONFORMANCE WITH ADOPTED COMPREHENSIVE PLAN	Name of Neighborhood(s) in which located: <i>Totem Lake, Kingsgate</i> Is there a specific reference to this project or land use in the immediate vicinity? <i>No</i> How does the project conform to such references? Attachment (Specify)
LEVEL OF SERVICE IMPACT	 □ Project provides no new capacity (repair, replacement or renovation). □ Project provides new capacity. Amount of new capacity provided: ☑ Project assists in meeting/maintaining adopted level of service. □ Project required to meet concurrency standards.